



HF Happenings 463

South African Radio League 1925 - 2010 Suid-Afrikaanse Radioliga
Member Society of the International Amateur Radio Union Region 1
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*16 July - Winter QRP Sprint
24 July - Boland ARC 40 Metre Sprint
27 July - SARL 80 m Club Contest, SSB
Find the rules in the 2011 SARL Contest Manual*

DX on 1,8 MHz?

From the desk of the SARL Awards Manager.

Most South Africans would not regard 1,8 MHz as a DX band. The majority of operators who are active on the band may never have heard a DX station there.

Raoul Coetzee, ZS1REC, has just proved them wrong. He has received a DXCC certificate for proving that he has contacted more than 100 countries on the band! Raoul became only the fifth South African and the first ZS1 to achieve the milestone.

Raoul operates from a small city lot, just a quarter wavelength in diameter. He uses wire antennas and modest power. However, a shrewd understanding of propagation and a lot of perseverance make up for the modest station. Raoul works in the electronics industry and has been active since the 1980s. He operates very little on other bands, and sticks mostly to Code.

Results of the ZS4 Sprint

The Sasolburg ARC has released the results of the ZS4 Sprint held at the end of May. Seventeen logs were received, made up 16 contest logs and 1 check log. The six ZS call areas are represented.

- 1st Bloemfontein RAC, ZS4BFN, 114 points
- 2nd Marius Preston, ZS4MP, 97 points
- 3rd Pieter Human, ZS6PA, 62 points
- 4th Jaco le Roux, ZS3JLR, 52 points
- 5th Eddie Leighton, ZS6BNE, 50 points
- 6th Port Elizabeth ARS, ZS2PE, operated by Theunis, ZS2EC, 47 points
- 7th Allan Wood, ZR1AAH, 35 points
- 8th Romeo Nardini, ZS6ARQ, and Sasolburg ARC, ZS4SRK, 33 points
- 10th Brendon Muller, ZR4DEF, 30 points
- 11th Quartus de Wit, ZS6QDW, 27 points

Be Surprised by the World of Amateur Radio





12th John Longland, ZS6AA, and Denis Wheeler, ZR6DNS, 25 points
14th Nigel Burgess, ZR6NGB, 24 points
15th Peet Pretorius, ZS4VP, 21 points
16th Derek Stuart, ZS2J, 15 points
Check log
Bruce Dunn, ZS5XT, 2 points

DXNL Editor Retires

I receive and often use African DX information from the German DXNL newsletter. The editor, Helmut Schlaffer, DL7MAE, announced in the latest issue that he is retiring after 4½ years.

My thanks to Helmut for his hard work over the past years in providing the DX community with DX information and I wish him all of the best.

His successor will be Alexander Derichs, D68KAD.

Railways on the Air

Railways on the Air 2011 will take place on the weekend of 24 and 25 September.

As last year, the suggested frequencies for the event are 3 650, 7 120 and 14 120 kHz.

Anyone is encouraged to register if they are working an historic railway site; it does not have to be famous one or indeed one operating trains, just a site that has a railway heritage.

Registration and general enquiries can be made through the website www.rotam0php.net.



African DX

Southern Sudan, ST0. Paul, N6PSE, sent out the following on 2 July (Press Release #4): "DXpe-

July 2011

30 June to 10 July - National Arts Festival, Grahamstown

1 - SARL subscriptions due

2 - Hamfest in Northwest, Klerksdorp ARC

2 - Durban July Horse Race

2 and 3 - DL-DX RTTY Contest

3 - DARC 10-Metre Digital Contest

9 and 10 - IARU HF World Championship

13 - 16 - Berg River Canoe Marathon, Paarl

www.wpcanoe.org.za

15 and 16 - Biltong Festival, Somerset East

www.eastcapebiltongfestival.co.za

16 - Winter QRP Sprint; PIC Course, Cape Town; Advanced Home Construction, Cape Town

16 - Durban Air show

www.durbanairshow.co.za

17 Delville Wood Sunday

16 and 17 - North American RTTY QSO Party

16 and 17 - CQ Worldwide VHF Contest

18 - Nelson Mandela's birthday; Schools open

24 - Boland ARC 40 Metre Sprint

27 - SARL 80 m Club Contest, SSB

28 - 31 - Stellenbosch Wine Festival www.wine-route.co.za/festival.asp

30 - RTA, Durban

30 and 31 - RSGB IOTA Contest

August

7 - Cars in the Park, Pretoria www.pomc.co.za

25 - 31 - Wild Flower Show, Clanwilliam

www.clanwilliam.info





dition to Southern Sudan - In just a few short days, the people of Southern Sudan will declare their independence from Sudan and will become the new Republic of Southern Sudan.

Vice President of South Sudan, Dr Riek Machar Teny has announced that admission, as a member state of the United Nations, will take place on 14 July 2011.

The DX Friends and the Intrepid-DX Group continue to monitor the UN General Assembly and Security Council votes and are moving forward with our plans for a large multi-national DXpedition to take place soon after the UN admission occurs.

Equipment has been procured and is being staged for rapid delivery to Juba, the new capital of Southern Sudan. Team members have applied for their visas and we are awaiting them now.

We have held several successful meetings with representatives of the Government of Southern Sudan. We have been issued an amateur radio license for the purpose of this DXpedition. The Government of South Sudan is very supportive of our plans to visit Juba and to help them celebrate the birth of their new country.

We plan to soon be in the new capital of Juba and to be ready to start our DXpedition after admission by the UN. We will have 18 operators operating 24/7 on seven active stations.

At this time, we are seeking Foundation, Club and Individual Sponsors to help us defray the costs of carrying out this very important DXpedition.

Our official website is <http://www.dxfriends.com/SouthernSudan2011/>. Thank you, The Intrepid-DX Group and The DX Friends." <http://www.dxfriends.com/> and <http://www.intrepid-dx.com/>

Added Notes: After the celebration, the "News Sudan Vision" reports that the United Nations Security Council will first vote to endorse the Republic of Southern Sudan to become a member of the UN on 13 July. The United Nations Security Council will then bring it before the General Assembly on 14 July. The Southern Sudan is then expected to be the 193rd member/nation of the UN. Word has it that once this happens, the International Telecommunication Union (ITU) will issue an international dialling code within 48 hours of their membership into the UN, and will provide an ITU prefix block. Stay tuned!

Mozambique, C9. Dave, ZR6DG, will be active as C92DG from Tofo, Mozambique on 14 - 28 July. Plans are "to do two DX sessions a day" along with Helge, ZS6HB. QSL via ZR6DG.

African Islands on the Air

Ascension Island, ZD8. German operators Wolf, DK1IP, Rainer, DL7OR, Gerd, DJ4KW, Arno, DL1CW, and Werner, DJ9KH, will be active as ZD8D from Garden Cottage, Ascension Island (AF-003), between 24 July and 9 August. The dates have not been changed as first thought, only their location on the island due to the heavy rainfalls in late April, which damaged the street to Garden Cottage (their planned operating site). They have changed their plans and will now use a guesthouse in Georgetown, which they state "is not ideal. We have to rely on our fibreglass poles, as there are no trees etc... We are afraid, that we will be handicapped on 160 and 80 m, but we will do our best, of course." For updates, visit their Web page at <http://www.zd8d.de/index.php?home>

Special Event





Gibraltar, ZG3. Look for Mike, ZB3M, to be active as ZG3M between 5 and 11 September. He is using this special prefix to celebrate "Gibraltar's National Day" which takes place on 10 September. QSL via the address on QRZ.com.

History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 4 July 2011.

- 1595 - Johannes Kepler inscribes the geometric solid construction of the universe
- 1687 - Isaac Newton's PRINCIPIA published by the Royal Society in England
- 1866 - The Indelible pencil patented by Edson P Clark of Northampton, Mass
- 1876 - First public exhibition of electric light in San Francisco
- 1924 - First photo sent experimentally across the Atlantic by radio, between the US and England
- 1951 - Junction transistor invention announced in Murray Hill, NJ
- 1962 - The first transatlantic TV transmission via satellite - Telstar I
- 1978 - Pioneer-Venus 2 Multi-probe launched to Venus
- 1981 - First solar-powered aircraft, the Solar Challenger, crosses the English Channel

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 4 to 11 July 2011.

10-10 International Spirit of 76 QSO Party
00:01 UTC 4 July to 24:00 UTC 10 July
Mode: CW, SSB, PSK31, RTTY, FM, AM
Bands: 10 m Only
Classes: Individual; Club; QRP
Max power: non-QRP: >5 watts; QRP: 5 watts
Exchange: Name, state, province or country and 10-10 number
Work stations: Once per mode
QSO Points: 1 point per QSO with a non-member; 2 points per QSO with a 10-10 member
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 25 July 2011
E-mail logs to:
tentencontest@roadrunner.com
Mail logs to: Dan Morris, KZ3T, 131 Valencia Ln, Statesville, NC 28265, USA
Find rules at:
<http://ten-ten.org/Forms/spirit.pdf>

QRP Fox Hunt
01:00 - 02:30 UTC 8 July

Mode: CW
Bands: m
Classes: Single Op (Fox/Hound)
Max power: 5 watts
Exchange: RST, state, province or country, name and power output
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 02:30 UTC 9 July 2011
E-mail logs to: (see rules)
Mail logs to: (none)
Find rules at:
http://www.qrpfoxhunt.org/summer_rules.htm

FISTS Summer Sprint
00:00 - 04:00 UTC 9 July
Mode: CW
Bands: 80, 40, 20, 15, 10 m
Classes: QRP; QRO; Club
Max power: QRO: >5 watts; QRP: 5 watts
Exchange: FISTS: RST, state, province or country, first name and FISTS no; non-





FISTS: RST, state, province or country, first name and power

Work stations: Once per band

QSO Points: 5 points per QSO with FIST member; FIST members: 2 points per QSO with non-FIST member

Multipliers: Each US state and VE province once; Each DXCC country once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 8 August 2011

E-mail logs to: wailad@cox.net

Mail logs to: Gil Woodside, WA1LAD, 30 Hilltop Ave, West Warwick, RI 02893-2825, USA

Find rules at:

<http://www.fists.org/sprints.html>

IARU HF World Championship

12:00 UTC 9 July to 12:00 UTC 10 July

Mode: CW, Phone

Bands: 160, 80, 40, 20, 15, 10m

Classes: Single Op CW - QRP, low or high; Single Op Phone - QRP, low or high; Single Op Mixed - QRP, low or high; Multi-Single; IARU Member Society HQ

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: IARU HQ: RS(T) and IARU Society; Non-HQ: RS(T) and ITU Zone no

Work stations: Once per band per mode

QSO Points: 1 point per QSO with same zone or with HQ stations; 3 points per QSO with different zone on same continent; 5 points per QSO with different zone on different continent

Multipliers: Each ITU zone once per band; Each IARU HQ and each IARU official once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 12:00 UTC 9 August 2011

E-mail logs to: IARUHF@iaru.org

Mail logs to: IARU HF Championship, IARU International Secretariat, Box 310905, Newington, CT 06111, USA

Find rules at:

<http://www.arrl.org/iaru-hf-championship>

SKCC Weekend Sprint

00:00 - 24:00 UTC 10 July

Mode: CW

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: (none)

Exchange: RST, name, state, province or country and SKCC no or "NONE"

Work stations: Once per band

QSO Points: 1 point per QSO

Bonus Points: (see rules)

Multipliers: Each state, province or country once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 15 July 15, 2011

Post log summary at:

<http://www.skccgroup.com/sprint/wes/wes-submit.html>

Mail logs to: (none)

Find rules at:

<http://www.skccgroup.com/sprint/wes/>

ARCI Summer Homebrew Sprint

20:00 - 23:59 UTC 10 July

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: All Band; Single Band; High Bands; Low Bands

Exchange: RST, state, province or country and ARCI no or power

Work stations: Once per band

QSO Points: 5 points per QSO with ARCI member; 4 points per non-member QSO with different continent; 2 points per non-member QSO with same continent

Bonus Points: 2000 points per band for using homebrew transmitter; Bonus Points: 3000 points per band for using homebrew receiver; Bonus Points: 5000 points per band for using homebrew transceiver; Bonus Points: 5000 points for operating portable with emergency power and temporary antennas

Multipliers: States, once per band; VE Provinces, once per band; Countries, once per band
Power Mult: >5 W = x1, 1 - 5 W = x7, 250 mW - 1 W = x10, 55 - 250 mW = x15, <55 mW = x20





Score Calculation: Total score = (total QSO points x (state mults and province mults and country mults) x power mult) and bonus points
Submit logs by: 10 August 2011

E-mail logs to: contest@qrparci.org

Mail logs to: ARCI Summer Homebrew Sprint, c/o Jeff Hetherington, VA3JFF, 139 Elizabeth St. W., Welland, Ontario L3C 4M3, Canada

Find rules at:

<http://www.qrparci.org/content/view/7516/118/>

NAQCC-EU Monthly Sprint

18:00 - 20:00 UTC 11 July

Mode: CW

Bands: 80, 40, 20 m

Classes: Single Op

Max power: 5 watts

Exchange: RST, country and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each country in Europe; First country in each continent worked other than Europe

Key Type Mult: 2x if straight key, 1.5x if bug, 1x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 20:00 UTC 14 July 2011

E-mail logs to: submitlog@naqcc-eu.org

Upload log at:

<http://www.naqcc-eu.org/autologger/>

Mail logs to: M Ireland MW3YMY, Pen-y-Gadlas, Ffordd Bryniau, Meliden, Prestatyn, Denbighshire LL19 8RD, UK

Find rules at:

<http://naqcc-eu.org/SprintHelp/SprintRules.pdf>

Next Week's Contests

CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 13 July; 03:00 - 04:00 UTC 14 July

RSGB 80 m Club Championship, SSB, 19:00 - 20:30 UTC 13 July

QRP Fox Hunt, 01:00 - 02:30 UTC 15 July

SARL Winter QRP Contest, 12:00 UTC to 15:00 UTC 16 July

DMC RTTY Contest, 12:00 UTC 16 July to 12:00 UTC 17 July

CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 UTC-20:00 UTC 16 July; 03:00 - 04:00 UTC 17 July

Feld Hell Sprint, 16:00 - 18:00 UTC 16 July

North American RTTY QSO Party, 18:00 UTC 16 July to 06:00 UTC 17 July

RSGB Low Power Contest, 09:00 - 12:00 UTC and 13:00 - 16:00 UTC 17 July

CQC Great Colorado Gold Rush, 20:00 - 21:59 UTC 17 July

Run for the Bacon QRP Contest, 01:00 - 03:00 UTC 18 July

DX Code of Conduct

I will listen, and listen, and then listen again before calling.

I will only call if I can copy the DX station properly.

I will not trust the DX cluster and will be sure of the DX station's call sign before calling.

I will not interfere with the DX station or anyone calling and will never tune up on the DX frequency or in the QSO slot.

I will wait for the DX station to end a contact before I call.

I will always send my full call sign.

I will call and then listen for a reasonable interval. I will not call continuously.





I will not transmit when the DX operator calls another call sign, not mine.
 I will not transmit when the DX operator queries a call sign not like mine.
 I will not transmit when the DX station requests geographic areas other than mine.
 When the DX operator calls me, I will not repeat my call sign unless I think he has copied it incorrectly.
 I will be thankful if and when I do make a contact.
 I will respect my fellow radio amateurs and conduct myself so as to earn their respect.

<http://www.dx-code.org/publications.htm>

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslite, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News, Southgate ARC and Pete's DX Newsdesk.

Newsletter editors are most welcome to use material from HF Happenings, just remember to acknowledge the source (which could be any one of the names mentioned above). HF Happenings can be provided in MS Word format.

SA Radio League News Bulletins

SARL News

Time (UTC / CAT)	Freq (kHz)		Target Area	Language
06:15 / 08:15 *	7 066		Southern Africa	Afrikaans
06:30 / 08:30 *	7 066	From Pretoria	Southern Africa	English
Various 2 metre and 70 cm repeaters and Echolink country wide				

Amateur Radio Today

Time (UTC / CAT)	Freq (kHz)		Target Area	Language
08:00 - 09:00 /	7 082	From Durban	Southern Africa	English
10:00 - 11:00 *	Various 2 metre and 70 cm repeaters and Echolink country wide			

Amateur Radio Today shortwave broadcast information.

Time (UTC / CAT)	Freq (kHz)	Tx kW	Target Area	Language
08:00 - 09:00 /	7 205	100	Southern Africa	English
10:00 - 11:00 *	17 570	250	East Africa	English
16:30 - 17:30 /	3 230	100	Southern Africa	English
18:30 - 19:30 **				

* Sunday ** Monday

